

1. (Currently Amended) A bone marker for use in image guided surgery, comprising:
_____ a support having an anchor mechanism for anchoring the support in a bone, ~~the bone marker further comprising~~ at least one reference member detectable by an image guided system, the at least one reference member being attached to the support, ~~in which~~ wherein the support comprises at least one limb ~~that which~~ is resiliently deformable.
2. (Currently Amended) ~~The A-bone marker of~~ as claimed in claim 1, ~~wherein in which~~ the support further comprises at least one limb which is rigid.
3. (Currently Amended) ~~A bone marker as claimed in~~ The bone marker of claim 1, ~~wherein the in which~~ a resiliently deformable limb comprises a tightly wound helical spring.
4. (Currently Amended) ~~A bone marker as claimed in~~ The bone marker of claim 3, ~~wherein the spring has in which the flat~~ abutting surfaces ~~of the wire are flat~~.
5. (Currently Amended) ~~A bone marker as claimed in~~ The bone marker of claim 1, ~~wherein in which~~ a resiliently deformable limb is made from a damped elastomer.
6. (Currently Amended) ~~A bone marker as claimed in~~ The bone marker of claim 1, ~~in which a wherein the~~ resiliently deformable limb is made from a shape memory alloy.
7. (Currently Amended) ~~A bone marker as claimed in~~ The bone marker of claim 1, ~~in which wherein~~ the ratio of the outer diameter of ~~the a~~ resiliently deformable limb to its inner diameter is at most 3:1.
8. (Currently Amended) ~~A bone marker as claimed in~~ The bone marker of claim 1, ~~in which wherein~~ the anchor mechanism comprises at least one fixation member for anchoring the bone marker in the bone, and a coupling member for coupling the support to the fixation member.

9. (Currently Amended) ~~A bone marker as claimed in~~ The bone marker of claim 8, ~~in which~~ wherein the coupling member is adjustable to allow rotation of the support about the fixation member.

10. (Currently Amended) ~~A bone marker as claimed in~~ The bone marker of claim 8, ~~in which~~ wherein the at least one fixation member is a threaded screw.

11. (Currently Amended) ~~A bone marker as claimed in~~ The bone marker of claim 10, ~~in which~~ wherein the diameter of the threaded screw is not more than about 2 mm.

12. (Currently Amended) ~~A bone marker as claimed in~~ The bone marker of claim 1, ~~in which~~ wherein the reference members transmit signals.

13. (Currently Amended) ~~A bone marker as claimed in~~ The bone marker of claim 1, wherein the reference members reflect signals.

14. (Cancelled)